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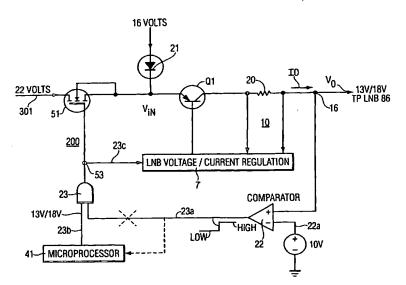
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(54) Title: POWER SUPPLY FOR A SATELLITE RECEIVER



(57) Abstract: A power supply (10) for a satellite receiver system includes a dual input supply voltage arrangement (200). When a higher output v oltage is selected, a source of a lower supply input voltage is coupled to an input, main current conducting terminal of a series pass transistor (Q1). On the other hand, when a lower output voltage is selected, a source of a lower supply input voltage is coupled to the input main current conducting terminal of the series pass transistor. A comparator (22) senses a magnitude of an output voltage (16) produced by the series pass transistor. When, as a result of an over current condition, the output voltage is lower than a reference threshold level (22a), any selection of the higher output voltage is automatically over-ridden and the source of the lower supply input voltage, instead, is coupled to the input main current conducting terminal of the series pass transistor.





 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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B. FIELDS SEARCHED	
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPAT, EPO, JPO, DERWENT: power supply, dual, satellite, control, fault detector.	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category * Citation of document, with indication, where a	
A US 5,826,170 A (HIRSCHFIELD et al) 20 October	1998 (20.10.98), see entire document. 1-9
A US 5,828,206 A (HOSONO et al) 27 October 1998	(27.10.98), see entire document. 1-9
A — US 6,061,577 A (ANDRIEU et al) 09 May 2000 (09.05.00), see entire document. 1-9	
A US 5,563,500 A (MUTERSPAUGH) 08 October 1996 (08.10.96), see entire document.	
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